

Title (en)

Method for testing electric system and electric system

Title (de)

Verfahren zum Prüfen eines elektrischen Systems und elektrisches System

Title (fr)

Procédé de test de système électrique et système électrique

Publication

**EP 3051686 A1 20160803 (EN)**

Application

**EP 15152638 A 20150127**

Priority

EP 15152638 A 20150127

Abstract (en)

A method for testing an electric system and an electric system comprising a first inverter (10) and one or more second inverters (11, 12, 1 N), and control means (40) configured to start the first inverter (10), provide and sustain with the first inverter (10) an AC voltage of a predetermined magnitude and a predetermined frequency at an AC output of the first inverter, start at least one second inverter (11, 12, 1 N), and supply with the first inverter (10) reactive power to the started at least one second inverter (11, 12, 1 N).

IPC 8 full level

**G01R 31/42** (2006.01); **H02J 3/38** (2006.01); **H02M 7/493** (2007.01)

CPC (source: CN EP US)

**G01R 31/00** (2013.01 - CN); **G01R 31/42** (2013.01 - EP US); **G06F 1/26** (2013.01 - US); **H02J 3/18** (2013.01 - EP US); **H02J 3/38** (2013.01 - CN); **H02J 3/381** (2013.01 - CN EP US); **H02M 7/44** (2013.01 - US); **H02M 7/493** (2013.01 - CN EP US); **H02J 2300/24** (2020.01 - CN EP US); **Y02E 10/56** (2013.01 - EP US); **Y02E 40/30** (2013.01 - EP US)

Citation (search report)

- [A] US 2003218888 A1 20031127 - SUZUI MASAKI [JP], et al
- [A] US 2015016161 A1 20150115 - TANAKA TSUGUHIRO [JP], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3051686 A1 20160803**; **EP 3051686 B1 20171101**; CN 105823941 A 20160803; CN 105823941 B 20181016; US 10186869 B2 20190122; US 2016218513 A1 20160728

DOCDB simple family (application)

**EP 15152638 A 20150127**; CN 201610037063 A 20160120; US 201514972547 A 20151217